

1.helps to centralize event data of any format?

2.which of the following perform transformation of data?

3.docker compose is a tool which can stop all services with a single command?

Ans: Docker-compose Stop

4.is a real time ,distributed search and analytics engine?

Ans: Elastic Search

5.which of the following are valid beats built by elastic team?

Ans: Filebeat,Packetbeat,Heartbeat

6. which of the following command is used get the details of docker engine and docker client?

Ans: DOCKER VERSION

7.which of the following provides API to ship the data from source,configure input options & implement logging?

ANS:

8.which of the following is the deployment model?

ANS: PUBLIC,PRIVATE,HYBRID

9.is a text file with instructions to build image & automation of docker image creation ?

ANS: DOCKERFILE

10.command is used see the all the images in local repository?

ANS: DOCKER IMAGES

11.which capability of x-pack helps to configure fields & document level security?

ANS: SECURITY

12.which of the following are features of docker?

ANS: CLUSTER MANAGEMENT

ANS: MULTI-HOST NETWORKING

13.which of the following is client side component & consists of core library,libbeat?

ANS:

14.which command is used to stop a running container?

ANS: DOCKER RM CONTAINER ID

15.which cloud architecture design concept is supported by distributing workloads across various availability zones?

ANS:DESIGN FOR FAILURE

16. most analysis tools depend upon?

17. which of the following allows the user to manage multiple containers deployed across multiple host machinery?

ANS: DOCKER SWARM

18. which of the following are features of dockers?

ANS: ABC

19. is a visualization tool for analyzing time-series data & allows executing?

ANS: TIMELION

20. amazon S3 is which type of storage service?

ANS: OBJECT

21. which of the following visualizations are provided by kibana?

22. aws stands for?

ANS: AMAZON WEB SERVICES

23. an __ is one or more discrete data centers with redundant power, networking, and connectivity housed in separate facilities?

ANS: AVAILABILITY OF ZONES

24. what is the default port of elastic search?

ANS: 9200

25. SaaS full form?

ANS: SOFTWARE AS A SERVICE

26. which of the following command is used to return container details?

ANS: DOCKER PS

27. which of the following request fetches all document from all indices from of the cluster in?

ANS: GET/_SEARCH

28. IaaS?

ANS: INFRASTRUCTURE AS A SERVICE

29. which of the following are keywords of docker?

ANS: SHIP, RUN

30. what does the docker daemon stores the docker images?

ANS: DOCKER REGISTERIES

31. which of the following is the most referred and restrictive cloud service model?

PAAS

32. select all the benefits of Ec2?

ANS: ELASTIC, RELIABLE, SECURE

33. ____ helps to gain powerful insights about data?

34. what are the different types of instances?

ANS: GENERAL PURPOSE

COMPUTE OPTIMIZED

STORAGE OPTIMIZED

35. which of the following command is used to return currently running container id's?

ANS: DOCKER PS COMMAND

36. ____ capability of x-pack helps to understand relationship in data & surface relationship among entities?

37. applications and services that run on a distributed network using virtualized resource is known as ____?

ANS: CLOUD COMPUTING

38. An ____ is where end users access services located at AWS?

ANS: EDGE LOCATION

39. which of the following is server-side component to transform & forward the data to an output?

ANS: LOGSTASH

40. which of the following are Elasticsearch API's?

ANS: DOCUMENT API, SEARCH API, INDICES API

41. Select all the distributions used by AWS Cloud front

☒ **Web**

☐ FTP

☒ **RTMP**

☐ SMTP

☐ POP3

42. _____ is the registry which is used to host various Docker images

a) Docker Engine b) **Docker Hub** c) Docker Compose d) Docker volume

43. _____ is the central application in the AWS portfolio

a) Amazon simple queue service

b) **Amazon Elastic compute cloud**

c) Amazon simple notification service

d) Amazon relational database service

44. Which of the following is an edge-storage or content-delivery system that caches data in different physical locations

Answer: Amazon Cloudfront

45. Which of the following components adds security, monitoring, altering, reporting and graph capabilities to elastic stack

a) logStash b) Kibana c) **X-pack** d) beats

46. Which of the following is visualization tool of elastic stack

a) Elastic search b) **Kibana** c) logStash d) ELK

47. Which command is used to display detailed information on one or more networks?

Answer: Docker network inspect

48. AWS has the concept of a _____, which is a physical location around the world where we cluster data centers

Answer: Region

49. Which command is used to show the Docker version information in an easy to read layout

a) **docker-version** b) docker v c) docker details d) docker show version

50. Which of the following runs on Xen Hypervisor?

Answer: AWS EC2

51. _____ are the preferred mechanisms for persisting data generated by and used by Docker containers

Answer: Docker Volumes

52. Which of the following statements are true about docker containers?

☒ **Containers are lightweight**

☐ Fewer resources are used

☒ **Booting of containers is very fast**

☐ More resources are used

53. _____ is the registry which is used to host various Docker images

a) Docker engine b) **Docker Hub** c) docker compose d) Docker volume

54. Select all the instance purchasing options

☒ **On-demand instances**

☐ **Reserved instances**

☐ Scheduled instances

☐ **Spot instances**

☐ Standalone hosts

☐ Standalone instances

55. Which of the following are benefits of Elastic search?

☐ **Searching**

☐ **Analytics**

☐ **Near real time**

☐ Non scalable

56. How can designated code refactoring tasks improve source code?

a) Shortens the life span of the system dependencies

b) Fixes missing code and planned for factored dependencies

c) Designates a time to run tests against code

d) **Clarifies and simplifies existing code**

57. What is a hallmark of Agile requirements?

a) **As early as possible**

b) As detailed as possible

c) Changed at each sprint

d) Just in time

58. What are traits of good user stories?

☐ **Estimable**

☐ As detailed as possible

☐ **Simple**

☐ Non-negotiable

59. Select the agile s/w development methodology that introduced the sprint

☐ **Adaptive s/w development**

☐ Discipline agile delivery

☐ **Extreme programming**

☐ **Scrum**

60. Which element of scrum is most critical to security?

a) Sprint b) **Definition of done** c) Daily scrum d) Scrum master

61. What is the cornerstone of extreme programming

a) user integration b) Team integration

c) Develop as quickly as possible d) **Test as thoroughly as possible**

62. By default _____ of types is enabled in Elastic search

- a) **dynamic mapping** b)static mapping
c)complex mapping d)URL

63.Which of the following are key limitations of scrum from a management perspective

☒ **Resource less meetings**

☐ Uncertainly surrounding cost

☒ **Completion date not specific**

☐ Copes with organization hierarchy

64.Which capability of X-pack sends alerts like email,stack,hipchat and pages duty and provides flexibility of when,how and who to alert?

- a)monitoring b)reporting c)**alerting** d)security

65.What is a true statement about scrum?

a) **Sprints are iterations**

b)Sprints last upto a month

c)Next steps are defined at the beginning of a sprint

d)Sprints don't have a deliverable

66.What are some of the key principles for using an Agile approach to enterprise architecture?

☒ Perfecting knowledge transfer

☐ Using low level modelling

☐ Using high level modelling

☒ Capturing details in working code

67.Which are key characteristics of Agile user stories?

a)Use lengthy detailed description

b)Can only be written by the product owner

c)Use lengthy descriptions

d)Can be written by anyone

68.Which tools can best be used to monitor and communicate team progress in an agile project

☒ **Face to face meetings**

☐ Single one-time project delivery milestone received

☐ Social media postings

☐ Timebox reviews

69.Adding or creating a document into a type which an index of Elastic search is called _____ operation

a) **Indexing** b)Deleting c)Updating d)getting

70. _____ command is used to scale the services

a) **docker-compose up -d --scale service_name=4**

b) docker-compose up -d --increase service_name=4

c) docker-compose up -d scale service_name=4

d) docker-compose up -d service_name=4

71. Which of the following is a correct relationship b/n regions, Availability zones and edge locations

Answer: Regions contain Availability zones

72. Which one of the following is associated heavily with vendor lock-in

Answer: PaaS

73. Which one of the following command is used to get the details of docker?

a) **Docker info** b) Docker help c) Docker details d) Docker show

74. _____ is the packaging together of s/w code with all its necessary components like libraries

Answer: Containerization

75. _____ is a content delivery network(CDN) offered by AWS

Answer: Amazon CloudFront

76. Which command is used to build the docker image

Answer: Docker build

77. Amazon EC2 provides virtual computing environments known as _____

Answer: Instances

1.Which of the following are Elasticsearch APIs?

Options

Document APIs

Search APIs

Indices APIs

Divide APIs

5.Which of the following request fetches all documents from all indices from of the cluster in Kibana? Options

GET/ search

GET/_searchall

GET / all

GET_documents

10.Most analysis tools depend upon_____

Options

structured data

unstructured data

graph data

complex data

14.Which of the following is server side component to transform and forward the data to an output?

Elasticsearch

Kibana

Logstash

ELK

15.Which capability of X-Pack Sends alerts like email, Slack, Hipchat, and PagerDuty and provides flexibility of when, how and who to

Monitoring

Reporting

Alerting

Security

16.Select all the Instance Purchasing Options.

On Demand Instances

Reserved Instances

Scheduled Instances

Spot Instances

Standalone Hosts

Standalone Instances

21.Which of the following is a correct relationship between repone, Avaibility Zones, and edge locations?

Data centers contain regions

Regions contain Availability Zones

Availability Zones contain edge locations

Edge locations contain regions

22.Which of the following option is the laaS service provider?

Options

EC1

EC2

EC10

Hybrid

25.Which of the following command is used to return currently running container id's?

Options

docker ps

docker containers

docker ps-q

dockor ps-a

26.Multiple Choice (Select 1 out of 4 options, for the question below.)

Which of the following perform transformations on data?

Options

Fitter plugins

Logging Plugin

Search Plugin

Monitor Plugin

27.Multiple Choice (There may be more than 1 correct answer)

Which of the following is the deployment model?

Options:

Public

Private

Hybrid

Corporate

Standard

30. Multiple Choice Question

Which of the following is visualization tool of Elastic Stack?

Options

Elasticsearch

Kibana

Logstash

ELK

31. Multiple Choose (There may be more than 1 correct answer)

Which of the following statements are true about Docker containers?

Options

containers are lightweight

Fewer resources are used

Bootling of containers is very fast

More resources are used

33. _____ is a visualization tool for analyzing time-series data and allows executing advanced mathematical calculations?

Options

Dashboard

Dev Tools

Timelion

Plugins

34._____is a text file with instructions to build image and automation of Docker Image Creation.

Options

Dockerfile

Docker.xml

Docker config

Docker properties

37.Which of the following provides API to ship the data from source, configure input options and implement logging?

Options

X-Pack

Beats

Kibana

Logstash

39.Which of the following Visualizations are provided by Kibana?

Options

Histograms

Maps

Line charts

Pipeline

40.Which of the following are features of Docker?

Options

Docker has the ability to reduce the size of development by providing a smaller footprint of the operating system via containers

With containers, it becomes easier for teams across different units, such as development, QA and Operations to work seamlessly across applications

You can deploy Docker containers anywhere, on any physical and virtual machines and even on the cloud.

Docker Containers are not easily scalable

41.Which of the following is client side component and consists of core library,libbeat?

Options

Elasticsearch

Kibana

Logstash

Beats

44.Which of the following are features of Docker Swarm?

Options

Cluster management

Decentralized design

Multi-host networking

Non Scalability

45.Docker compose is a tool which can stop all services with a single command

Options

docker compose down

docker-compose stop

docker-compose off

docker-compose ps off

49. Which of the following command is used to get the details of Docker engine and Docker client?

a. docker version

b. docker-v

c. docker-version

d. docker-ver

51. _____ helps to gain powerful insights about data?

a. Elasticsearch

b. Kibana

c. Logstash

d. beats

53. _____ command is used to scale the services.

a. **docker-compose up -d-scale service_name=4**

b. docker-compose up-d-increase service_name=4

c. docker-compose up -d service_name=4

d. docker-compose up-d scale e service_name=4

56. Which of the following are keywords of Docker? Multiple Choice (There may be more than 1 correct ans

a. build

b. **ship**

c. **run**

d. deploy

57. _____ is a real-time, distributed search, and analytics engine.

a. **Elasticsearch**

b. Kibana

c. Logstash

d. ELK

60. Select all the distributions used by AWS CloudFront. Multiple Choice (There may be more than 1 correct answer)

a. **Web**

b. **FTP**

c. **RTMP**

d. SMTP

e. POP3

61. Which capability of X-Pack helps to configure fields and document level security?

a. Graph

b. Reporting

c. Alerting

d. **Security**

62. Which of the following are valid beats built by elastic team? (There may be more than 1 correct answer)

a. **Packetbeat**

b. **Filebeat**

c. **Heartbeat**

d. Microbeat

63.Which one of the following is a kind of technique that allows sharing the single physical instance of an application organizations/customers?

a. **Virtualization**

b. Service-Oriented Architecture

c. Grid Computing

d. Utility Computing

64.Amazon EC2 provides virtual computing environments, known as _____. Multiple Choice (Select 1 out of 4 options, for the question below.)

a. messages

b. chunks

c. **instances**

d. machines

69. An _____ is where end users access services located at AWS

- a. Region
- b. Availability Zone
- c. **Edge Location**
- d. AWS Local Zones

70. Which of the following allows the user to manage multiple containers deployed across multiple host machines?

- a. **Docker swarm**
- b. Docker compose
- c. Docker Volume
- d. Dockerfile

72. By default _____ of types is enabled in Elasticsearch.

- a. **dynamic mapping**
- b. static mapping
- c. complex mapping

d. URL

73.Applications and services that run on a distributed network using virtualized resources is known as

a. Parallel computing

b. Soft computing

c. Distributed computing

d. Cloud computing

75.Which of the following command is used to return all container details?

a. docker ps

b. docker containers

c. docker ps-q

d. docker ps-a

76.Which cloud architecture design concept is supported by distributing workloads across various availability Zone

a. Implement automation.

b. Design for agility.

C. Design for failure.

d. Implement elasticity.

77. Where does the Docker daemon store the Docker images?

a. Docker Client

b. Docker Host

c. Docker Registry

d. Docker Hub

80. An _____ is one or more discrete data centers with redundant power, networking, and connectivity in an AWS Region.

a. Region

b. Availability Zone

c. Edge Location

d. AWS Local Zones

81. Adding or creating a document into a type within an index of Elasticsearch is called _____ operation.

a. indexing

b. deleting

c. updating

d. getting

83. Amazon S3 is which type of storage service?

a. Block

b. Object

c. Simple

d. Secure

85. Which of the following component adds security, monitoring, alerting, reporting and graph capabilities to Elastic state?

a. logstash

b. Kibana

c. X-Pack

d. beats

86.(more than one) Which of the following option is correct w.r.t creating Docker containers?

- a. **I can build my own image and use it for creating a Docker container**
- b. **I can pull the image from Docker hub and then create a Docker Container**
- c. I can create a Docker container without Docker image
- d. **I can create more than one container using same Docker image**

88._____ is a text file with instructions to build image and automation of Docker Image Creation.

- a. **Dockerfile**
- b. Docker.xml
- c. Docker.config
- d. Docker.properties

89.Which command is used show the Docker version information in an easy to read layout?

- a. **Docker version**
- b. Docker v
- c. Docker details
- d. Docker show version

90.What is the default port of Kibana?

- a. 9200
- b. **5601**
- c. 8080
- d. 8081

94.Which of the following is the most refined and restrictive cloud service model?

- a. **PaaS**
- b. IaaS
- c. SaaS
- d. CaaS

95._____ helps to centralize event data of any format.

- a. Elasticsearch
- b. Kibana
- c. **Logstash**
- d. ELK

103.Which of the following perform transformation on data?

- a. **Filter plugins**
- b. Logging plugin
- c. Search plugin
- d. Monitor plugin

106.Which of the following are Elasticsearch API's?

- a. **Document API's**
- b. **Search API's**
- c. **Indices API's**
- d. Divide API's

107.Which of the following are benefits of Elasticsearch?

- a. **Searching**
- b. **Analytics**
- c. **Near real time**
- d. Non scalable

110.Which of the following command format the request in JSON format?

- A) curl-XGET http://localhost9200/catalog/products/1?pretty=true**
- B) curl-XGET http://localhost9200/catalog/products/1?pretty=JSON
- C) curl-XGET http://localhost9200/catalog/products/1?type=JSON
- D) curl-XGET http://localhost9200/catalog/products/1?format-type=JSON

112.Which of the following is an edge storage or content delivery system that catches data in different physical locations?

- A)Amazon associate web service
- B)Amazon relational database service
- C)Amazon cloud front**
- D)Amazon simple DB

114.____ capability of x-pack helps to understand relationship is data and surface relationships among entities?

- A)Graph**
- B)reporting
- C)Alert
- D)security

117._____ is the packaging together of with all its necessary components like libraries, frameworks and other dependencies so that they are isolated with their own container?

- A) containerization**
- B) virtualization
- C) orchestration
- D) shipping

118._____is the preferred mechanism for data generating by and used by docker containers

- A)Docker volumes**

- B) Docker file
- C) Docker Compose
- D) Docker network

119. Select all the benefits of EC2?

- A) **elastic**
- B) expensive
- C) **reliable**
- D) not flexible
- E) **secure**
- F) un-controlled

121. Which of the following command is used to return images id's only?

- A) docker images id's
- B) **docker image-q**
- C) docker image-a
- D) **docker img ids**